# Peak District National Park

Forecast valid from 00:00 on Monday 27 Jun 2022 until 23:59 on Tuesday 28 Jun 2022

Forecast Issued on Sunday 26 Jun 2022 at 14:45

**Confidence:** High for rather unsettled, changeable and breezy conditions in the coming days. Moderate for the timing and extent of rain and showers.

**Headline for Monday 27 Jun 2022:** Cloudy, breezy and wet through much of the morning. Becoming drier and brighter later.

**Mountain weather hazards on Monday 27 Jun 2022**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Partly cloudy (night) | Cloudy | Light rain | Heavy Rain | Heavy Rain | Sunny intervals | Sunny intervals | Sunny intervals |
| Precipitation probability | | | | | | | |
| <05% | 10% | 60% | >95% | >95% | 10% | <05% | <05% |

**Forecast for Monday 27 Jun 2022**

**Weather:** Clear spells for a time in the early hours of Monday morning, though remaining breezy. Cloud will thicken from the west with time, but it should stay dry until dawn. Low cloud becoming extensive across the park soon after dawn, with rather persistent and at times heavy, showery rain through the morning and early afternoon. The odd rumble of thunder is possible. Winds remaining brisk, especially over ridges and summits. Turning drier and much brighter by mid-afternoon, the low cloud from earlier lifting above the summits to leave sunny intervals; still breezy at height though. Fine and dry into the evening, with partly cloudy skies and a continuing moderate breeze.

**Chance of cloud-free hill tops above 600m:** Greater than 95% overnight. Becoming 30% from early morning until early –mid-afternoon. Greater than 95% thereafter.

**Low cloud and visibility:** Cloud extensive and persistently down to 400-500m through the morning and early afternoon, perhaps lowering to 300m at times in any heavier rainfall. Bases lifting clear of summits by mid-afternoon. Visibility outside of cloud often moderate or poor through the morning in the rain, but becoming very good, with distant hills clearly visible as the showery rain clears.

**Forecast for Monday 27 Jun 2022**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 22/31 S | 20/29 S | 19/26 S | 15/20 SW | 16/22 W | 16/23 W | 13/19 W | 12/19 SW | 15/23 SW |
| **300** | 14/22 S | 15/23 S | 14/22 S | 13/18 SW | 12/17 W | 13/20 W | 11/17 W | 9/16 SW | 10/18 S |
| **Valley** | 8/21 S | 9/21 S | 9/20 S | 10/18 SW | 9/17 W | 11/20 W | 9/18 W | 6/16 SW | 6/18 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/6 | 8/4 | 8/4 | 9/6 | 8/5 | 10/7 | 10/8 | 9/6 | 8/4 |
| **300** | 12/9 | 11/8 | 11/8 | 11/9 | 11/8 | 13/10 | 13/11 | 12/10 | 10/8 |
| **Valley** | 12/11 | 12/10 | 11/9 | 12/10 | 12/10 | 14/12 | 14/12 | 12/10 | 10/8 |
| **Freezing Level*** | 1900m | 1900m | 2000m | 1900m | 1900m | 1700m | 1700m | 1600m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Persistent low cloud and rainfall will make navigation difficult at height through the morning and early afternoon. Coupled with brisk winds there will be a notable wind chill effect for the time of year, so adequate clothing is advised. Sunshine will be strong as it develops later in the afternoon, with sun protection advised.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 26 Jun 2022 | 2.8mm | 3.4mm | 3.4mm |

**Forecast for Tuesday 28 Jun 2022**

**Weather:** Dry and bright through much of the day with strong southerly winds. Turning increasingly cloudy during the afternoon and evening with outbreaks of rain pushing in from the west around dusk.

**Maximum wind:** Southerly 20-25mph, gusting 35-40mph.

**Chance of cloud-free hill tops above 600m:** Greater than 95% during the day. Decreasing to 60% from around dusk.

**Low cloud and visibility:** Generally very good visibility through much of the day, though becoming good or moderate into the late evening with any rain. Occasional patches of cloud developing around 400-500m from around dusk.

**Temperature:** **Valleys:** Plus 13 becoming plus 20 Celsius.
**At 600m:** Plus 10 becoming plus 17 Celsius.
**Freezing level:** Above summits.